



Accredited Laboratory

A2LA has accredited

CARPENTER FOCUS FACILITY

Tanner, AL

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to *joint ISO-ILAC-IAF Communiqué dated April 2017*).



Presented this 7th day of July 2023.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3155.03
Valid to July 31, 2025

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CARPENTER FOCUS FACILITY
22110 Thomas L. Hammons Road
Tanner, AL 35671
James Colebaugh Phone: 256-301-8113

MECHANICAL

Valid To: July 31, 2025

Certificate Number: 3155.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on metals, metal alloys, and metal fasteners:

<u>Test</u>	<u>Test Methods</u>
Charpy Impact (-112 to RT) °F	ASTM E23
Fracture Toughness	ASTM E399
Hardness:	
Brinell (10 mm – 3000 kg)	ASTM E10
Rockwell (B, C)	ASTM E18
Stress Rupture / Creep Rupture (400 to 1600) °F	ASTM E139, E292
Tensile:	
Elevated Temperature (400 to 1600) °F	ASTM E21
Room Temperature	ASTM E8/E8M
Heat Treatment ¹ (-100 to 2200) °F	AMS 2750
<u>Metallographic Evaluation</u>	
Decarburization	ASTM E1077
Delta Ferrite	AMS 2315
Grain Size	ASTM E930, E112, E1181
Inclusion Content / Microcleanliness	ASTM E45 (Methods A, D and E)
Intergranular Corrosion	ASTM A262 (Practice A)
Macroetch	ASTM A604, E340, E381

¹Heat Treatment performed only on samples prior to testing. (Heat Treat Capability) including age, anneal, austenitize, bake, heat resistance, normalize, stress relieve, quench & temper.